Delivery Statistics Report (SFY 2015 Births)
Providence Mount Carmel Hospital

Colville, WA Stevens County

Perinatal Level of Care: Level 1 CAH

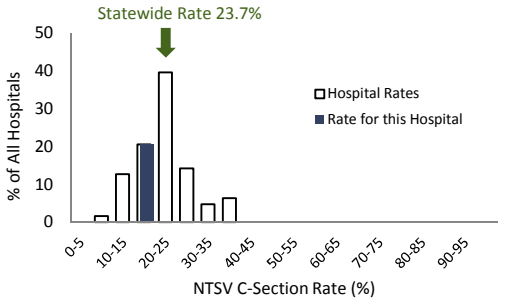
Deliveries and Medicaid Status

	SFY 2013	SFY 2014	SFY 2015	3-year TOTAL	Net Change '14 to '15
Total Deliveries	227	237	241	705	4
Deliveries with Medicaid-paid Maternity Care	172	178	177	527	-1
Percent Medicaid Deliveries	76%	75%	73%	75%	-2%
Percent Medicaid for Deliveries in this County	72%	71%	71%	71%	-1%

C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries

	SFY 2013	SFY 2014	SFY 2015	Net Change '14 to '15	3-year
NTSV Deliveries	60	80	60	-20	200
NTSV C-Section Rates					
Rate for this Hospital	16.7%	17.5%	16.7%	-0.8%	17.0%
Level 1 CAH Hospitals	25.0%	22.0%	21.7%	-0.2%	22.9%
Hospitals Statewide	25.4%	24.0%	23.7%	-0.3%	24.4%

Distribution of NTSV C-Section Rates
SFY 2015 Births at WA Non-Military Hospitals

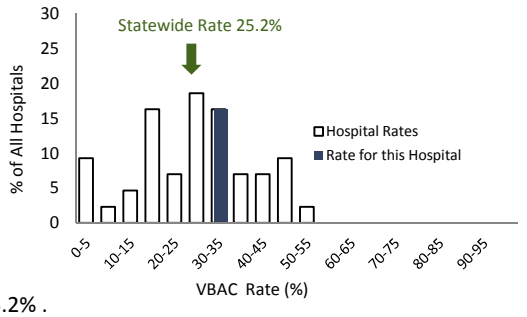


This hospital's SFY 2015 NTSV c-section rate of 16.7% was lower than the statewide rate of 23.7% .

Vaginal Births After Cesarean (VBAC) for Term Singleton Vertex Deliveries

	SFY 2013	SFY 2014	SFY 2015	Net Change '14 to '15	3-year
Deliveries Post-C-Sec	22	16	13	-3	51
VBAC Rates					
Rate for this Hospital	27.3%	50.0%	30.8%	-19.2%	35.3%
Level 1 CAH Hospitals	15.7%	12.9%	9.2%	-3.6%	12.6%
Hospitals Statewide	22.4%	23.4%	25.2%	1.8%	23.7%

Distribution of VBAC Rates
SFY 2015 Births at WA Non-Military Hospitals



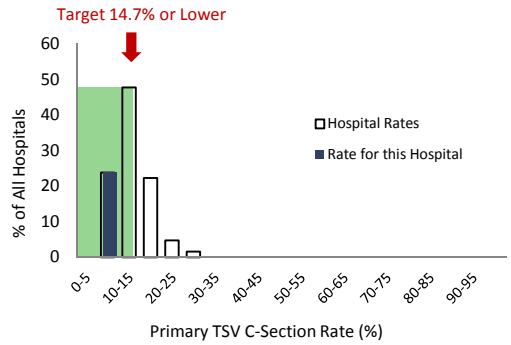
This hospital's SFY 2015 VBAC rate of 30.8% was higher than the statewide rate of 25.2% .

Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries

GOAL: decrease primary C-sections among TSV deliveries to 14.7%

	SFY 2013	SFY 2014	SFY 2015	Net Change '14 to '15	3-year
TSV Deliveries/No Prior C	174	183	174	-9	531
Primary C-Section Rates					
Rate for this Hospital	7.5%	9.8%	7.5%	-2.4%	8.3%
Level 1 CAH Hospitals	13.1%	11.8%	11.3%	-0.5%	12.1%
Hospitals Statewide	15.3%	14.6%	14.3%	-0.4%	14.8%

Distribution of TSV Primary C-Section Rates
SFY 2015 Births at WA Non-Military Hospitals



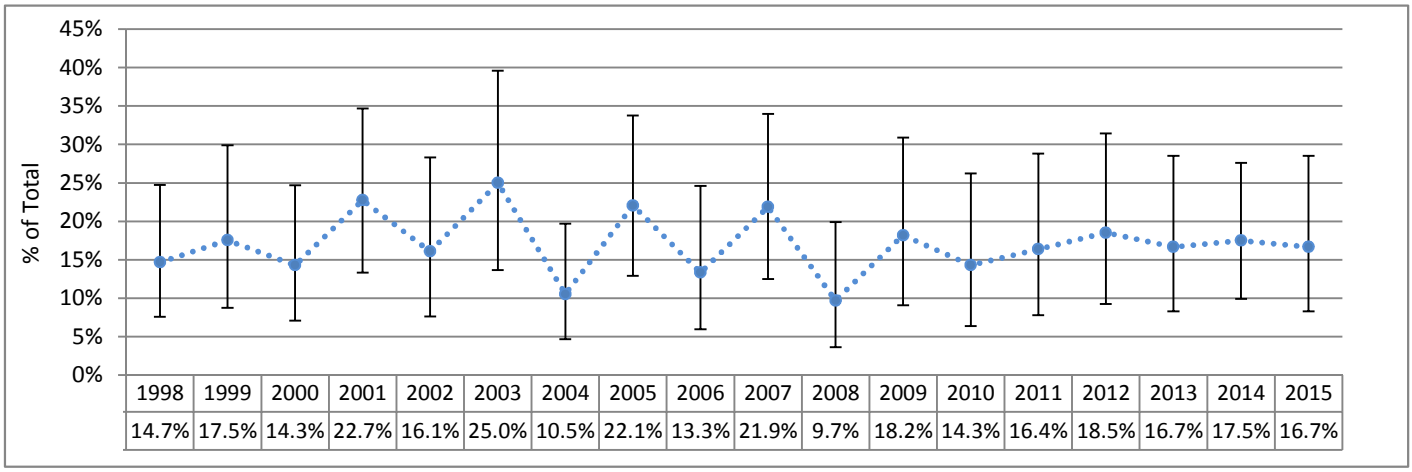
This hospital's SFY 2015 Primary C-Section rate of 7.5% was lower than the Results Washington statewide 2016 target of 14.7%.

For questions or comments contact Laurie Cawthon, MD, MPH (360) 902-0712 laurie.cawthon@dshs.wa.gov

Providence Mount Carmel Hospital

C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries SFY 1998-2015

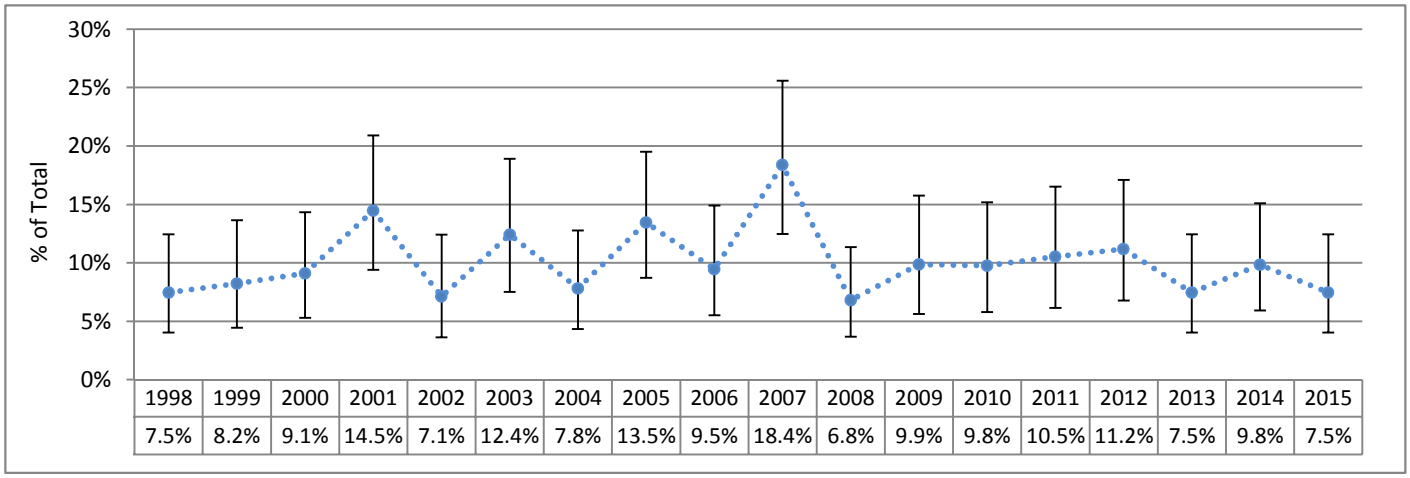
Hospital Rate with 95% Confidence Limits



1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
14.7%	17.5%	14.3%	22.7%	16.1%	25.0%	10.5%	22.1%	13.3%	21.9%	9.7%	18.2%	14.3%	16.4%	18.5%	16.7%	17.5%	16.7%

Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries SFY 1998-2015

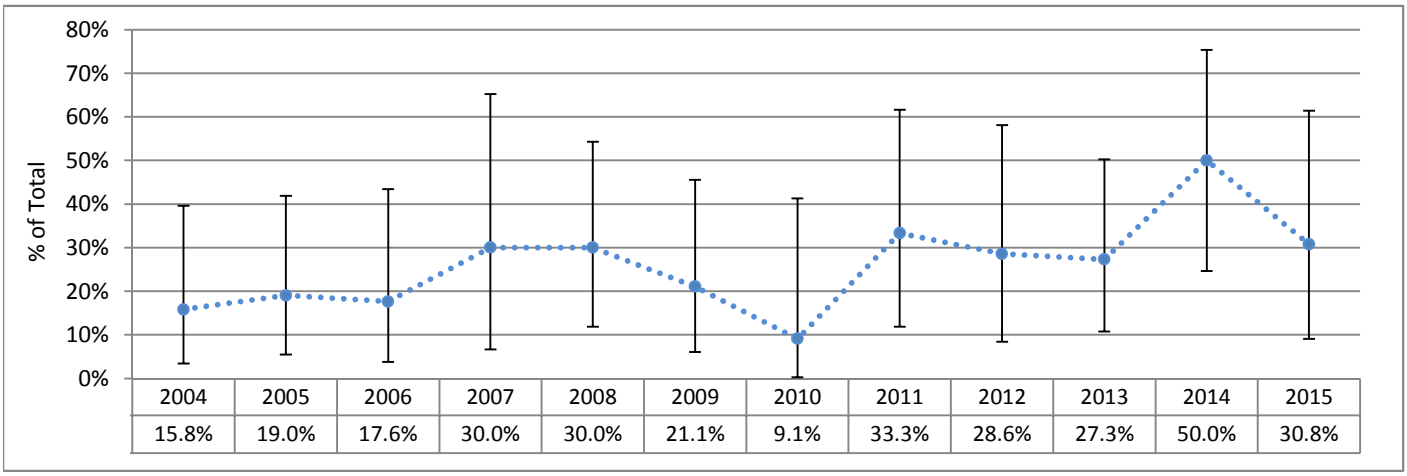
Hospital Rate with 95% Confidence Limits



1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
7.5%	8.2%	9.1%	14.5%	7.1%	12.4%	7.8%	13.5%	9.5%	18.4%	6.8%	9.9%	9.8%	10.5%	11.2%	7.5%	9.8%	7.5%

Vaginal Birth After Cesarean Among Term Singleton Vertex (TSV) Deliveries SFY 2004-2015

Hospital Rate with 95% Confidence Limits



2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
15.8%	19.0%	17.6%	30.0%	30.0%	21.1%	9.1%	33.3%	28.6%	27.3%	50.0%	30.8%

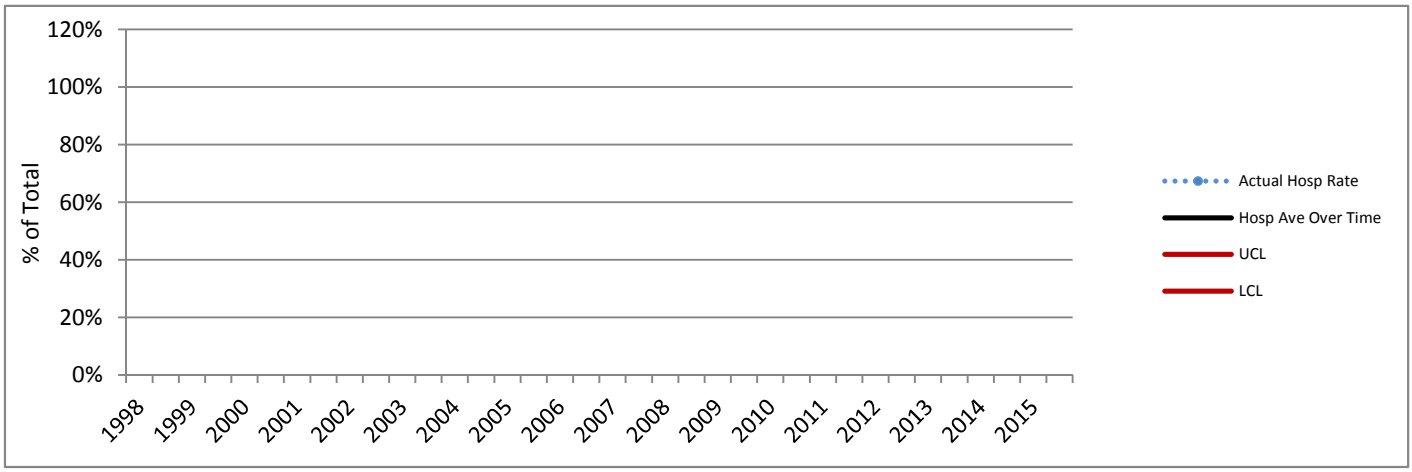
95% Confidence Limits show the range within which a data point could reasonably be the result of random variation. Points outside of this range are considered to differ significantly from the point for which the confidence limit is calculated, since there is only a 5% chance that the difference is due to random variability.

Providence Mount Carmel Hospital

Charts Not Displayed Due to Small Numbers for at Least Some Six-Month Intervals

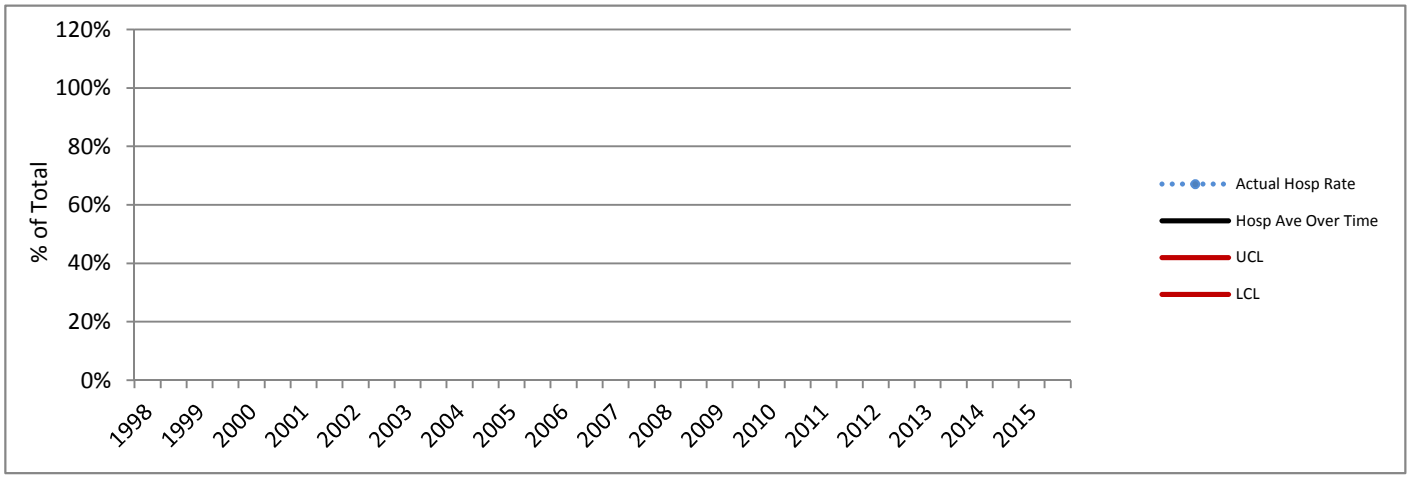
C-Sections Among Nulliparous Term Singleton Vertex (NTSV) Deliveries SFY 1998-2015 (Six-Month Intervals)

Actual Hospital Rate Compared to Hospital Average Across Time



Primary C-Sections Among Term Singleton Vertex (TSV) Deliveries SFY 1998-2015 (Six-Month Intervals)

Actual Hospital Rate Compared to Hospital Average Across Time



Charts based on the Hospital average over time are not presented where the Hospital number of deliveries for any six-month period did not meet the standard recommended size for upper (UCL) and lower (LCL) control lines based on 3 standard deviations. Rates above or below the red lines show a greater difference from the average than do those between the red lines.

DATA SOURCES AND DEFINITIONS: Certificates for live births and fetal deaths were provided by the DOH Center for Health Statistics and included in the First Steps Database. Medicaid status was determined by individual-level linkage to Medicaid claims and eligibility performed by the First Steps Database. **2015 birth data are preliminary**. SFY=State Fiscal Year (ends June 30 of reference year). **Excludes** births in military facilities or facilities that do not typically perform deliveries. C-Section measures exclude cases where mother was transferred to higher level care for maternal medical or fetal indicators for delivery, or hospital births where intended place of birth was other than hospital. **Perinatal Level of Care designation** is as of 2014 for all years shown. **Total Deliveries** includes live births and fetal deaths after 20 weeks' gestation. **Medicaid** refers to births to women who received Medicaid-paid maternity care. **C-Sections (NTSV)** is the percent of Cesarean sections among nulliparous, term, singleton, liveborn, vertex deliveries. **Term** is defined as gestational age of at least 37 completed weeks. For reports as of November 2015, the gestational age used for term designation is based on calculated best estimate of gestational age for years before 2003, and on obstetric estimate of gestation for years 2003 and later. **Vaginal Births After Cesarean (VBAC)** is the percent of vaginal births among live births to appropriate candidates. Women whose pregnancies were at term, had a single fetus with vertex presentation, and who had one prior C-section were considered **appropriate candidates for VBAC**. Number of prior C-sections is determined by Birth Certificate number reported and by longitudinal linkage. **Chart** comparison VBAC Rates are limited to hospitals that offer planned vaginal birth delivery after a prior Cesarean section (VBAC). **Primary C-Sections** is the percent of Cesarean sections among term, singleton, liveborn, vertex deliveries to women with no prior C-sections. The **Primary TSV C-Section Target** for Washington State is based on Results Washington (see www.results.wa.gov).